



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

PUBLICATIONS
OF
THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.

Five volumes of the New Series of the Journal (Quarto) have been issued. The price per volume of four parts is \$8.00, or \$2.00 per part to subscribers; but each part may be obtained separately for \$2.25.

The First Series of the Journal, in eight volumes, octavo, may be obtained at \$16.00, or for separate volumes \$2.25 per volume.

The First Series of the Proceedings of the Society, published in octavo, of which eight volumes were completed Dec. 31, 1856, may be obtained at \$24.00, or \$3.00 per volume, separately, except Vols. V. and VI.

The Second Series of the Proceedings, commencing Jan. 1, 1857, (of which eight volumes were completed, Dec. 31, 1864,) may be obtained at \$24.00, or \$3.00 per volume separately. These are now published monthly at \$3.00 per annum, payable in advance.

The Society has established a Publication Fund; any person who may contribute the sum of \$75, will receive, during life, the Journal, quarto, and the Proceedings, octavo; or separately, the Journal \$50, and the Proceedings \$25.

The Academy have a few copies of the following rare works, for sale at the prices affixed, a discount from which, of 12 per cent. to those purchasing five or more copies, will be made.

Michaux' North American Sylva, 2 vols. octavo, Philadelphia, 1841, with 156 uncolored plates, \$10.00.

Monograph of the Unionidæ of North America, by T. A. Conrad. Complete, with 60 colored plates, octavo, 1840, \$8.50.

Fossils of the Tertiary Formation of the United States, by T. A. Conrad. Complete, with 49 plates, octavo, 1838, \$5.00.

Description of Shells of North America, with 68 colored plates, by Thos. Say, 1830—34, \$10.50.

Application to be made to WM. S. VAUX, Chairman of the Publication Committee, 1700 Arch Street, or to the Librarian, at the Hall of the Academy, corner of Broad and Sansom Sts.

Agents, { London, TRÜBNER & CO.,
 No. 60-Paternoster Row.
 { New York, WM. WOOD & CO.,
 No. 61 Walker St.

April 1st, 1865.

CONTENTS.

| | |
|---|-----|
| Descriptions of New Species of Fossils, from the Marshall Group of Michigan, and its supposed equivalents in other States; with Notes on some Fossils of the same age previously described. By Prof. Alexander Winchell..... | 109 |
| On <i>Amphibamus Grandiceps</i> , a new Batrachian from the Coal Measures. By Prof. Edw. D. Cope..... | 134 |
| Remarks on the Genus <i>Taxocrinus</i> , (Phillips) McCoy, 1844; and its relations to <i>Forbesiocrinus</i> , Koninck and Le Hon, 1854, with descriptions of new species. By F. B. Meek and A. H. Worthen..... | 138 |
| Descriptions of New Species of Crinoidea, &c., from the Palæozoic Rocks of Illinois and some of the adjoining States. By F. B. Meek and A. H. Worthen..... | 143 |
| Descriptions of New Crinoidea, &c, from the Carboniferous Rocks of Illinois and some of the adjoining States. By F. B. Meek and A. H. Worthen..... | 155 |
| Note on the Genus <i>Gilbertocrinus</i> , Phillips. By F. B. Meek.... | 166 |
| Note on a Species of Whale caught in the River Delaware. By Prof. E. D. Cope..... | 168 |
| On some Conirostral Birds from Costa Rica in the Collection of the Smithsonian Institution. By John Cassin..... | 169 |
| New <i>Polyzonidæ</i> . By Horatio C. Wood, Jr., M. D..... | 172 |